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Customer No. 26874  
PATENT TRADEMARK OFFICE  
Atty. Docket: 0000243.0512832

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicant: Marit Jaytoyen Mazzetti : Paper No.:  
Serial No. 10/849,648 : Group Art Unit: 1724  
Filed: May 20, 2004 : Examiner:  
For: USE OF FLOW THROUGH CAPACITOR IN THE RECOVERY AND  
PURIFICATION OF WATER FROM EXHAUST GASES OF INTERNAL  
COMBUSTION ENGINES

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicant herewith submits certain patent references and other information, which the Patent and Trademark Office may wish to consider in examining the above-identified application. The references are provided below, and are also listed on the attached Form PTO-1449.

| U.S. Patent Documents | Publication Date | Patentee or Applicant |
|-----------------------|------------------|-----------------------|
| 6,581,375             | 06-24-2003       | Jagtoyen et al.       |
| 1,653,603             | 12-20-1927       | Schröder              |
| 2,071,868             | 02-23-1937       | von Lüde              |
| 2,310,767             | 02-09-1943       | Dürr                  |
| 2,479,766             | 08-23-1949       | Mulvany               |
| 3,408,289             | 10-29-1968       | Gustafson             |
| 3,985,648             | 10-12-1976       | Casolo                |
| 4,263,263             | 04-21-1981       | Vaseen                |
| 4,374,028             | 02-15-1983       | Medina                |
| 4,430,226             | 02-07-1984       | Hegde et al.          |
| 4,656,831             | 04-14-1987       | Budinikas et al.      |
| 4,725,359             | 02-16-1988       | Ray                   |
| 4,813,632             | 03-21-1989       | Woodhouse             |
| 4,863,637             | 09-05-1989       | Matsumoto et al.      |
| 5,174,902             | 12-29-1992       | Shubert et al.        |
| 5,256,268             | 10-26-1993       | Goto et al.           |

Serial No. 10/849,648

|   |                         |                              |
|---|-------------------------|------------------------------|
| 5,607,595   | 03-04-1997              | Hiasa et al.                 |
| 5,795,843   | 08-18-1998              | Endo                         |
| 5,857,324   | 01-12-1999              | Scappatura et al.            |
| 6,030,698   | 02-29-2000              | Burchell et al.              |
| 6,398,965   | 06-04-2002              | Arba et al.                  |
|   |                         |                              |
| <b>Foreign Patent Documents</b>   | <b>Publication Date</b> | <b>Patentee or Applicant</b> |
| WO 99/49958   | 10-07-100               | Siemens AG                   |
| WO 00/04977   | 02-03-2000              | Procter & Gamble Co.         |
| WO 02/059043  | 08-01-2002              | Lexington Carbon Co.         |
| GB 626 208  | 07-12-1949              | Mulvany                      |
| GB 1 377 501  | 12-18-1974              | Shaw                         |
|   |                         |                              |
| <b>Non-Patent Literature Documents</b>  |                         |                              |
| Jagtoyen, et al., U.S. Army SBIR Contractor's Scientific and Technical Report (Report A002 and A003), "Activated Carbon Fiber Composite for On-board Water Recovery Unit," (SBIR Topic A97090) May 19, 1998 |                         |                              |

Pursuant to the notice published in the Official Gazette, dated August 5, 2003, no copies are provided herewith of U.S. patents or patent applications cited. Copies of foreign patents and non-patent literature cited are provided herewith. No representation is made or intended that a prior art search has been made or that no better art than the listed is available. It is respectfully requested that the information be considered by the Examiner and made of record in the present application.

| <b>CERTIFICATE OF MAILING</b>   |      |
|---|------|
| I hereby certify that a copy of this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on |      |
| <i>August 6</i>   | 2004 |
| <i>Sarah Abraham</i>  |      |
| Sarah Abraham   |      |

Respectfully submitted,

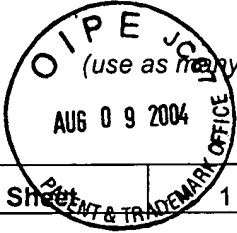
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Substitute for Form PTO 1449

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*Complete if Known*



|                      |                          |
|----------------------|--------------------------|
| Application No.      | 10/849,648               |
| Filing Date          | May 20, 2004             |
| First Named Inventor | MAZZETTI, Marit Jaytoyen |
| Art Unit             | 1724                     |
| Examiner Name        |                          |
| Attorney Docket No.  | 0000243.0512832          |

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

| Examiner initials | Cite No. | DOCUMENT NUMBER                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|-------------------|----------|--|--------------------------------|--|--|
|                   |          | Number-Kind code <sup>2</sup> (if known) |                                |  |  |
|                   |          | US- 6,581,375                            | 06-24-2003                     | Jagtoyen et al.                                    |  |
|                   |          | US- 1,653,603                            | 12-20-1927                     | Schröder   |  |
|                   |          | US- 2,071,868                            | 02-23-1937                     | von Lüde   |  |
|                   |          | US- 2,310,767                            | 02-09-1943                     | Dürr   |  |
|                   |          | US- 2,479,766                            | 08-23-1949                     | Mulvany  |  |
|                   |          | US- 3,408,289                            | 10-29-1968                     | Gustafson  |  |
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|                   |          | US- 4,263,263                            | 04-21-1981                     | Vaseen   |  |
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|                   |          | US- 4,430,226                            | 02-07-1984                     | Hegde et al.                                       |  |
|                   |          | US- 4,656,831                            | 04-14-1987                     | Budinikas et al.                                   |  |
|                   |          | US- 4,725,359                            | 02-16-1988                     | Ray  |  |
|                   |          | US- 4,813,632                            | 03-21-1989                     | Woodhouse  |  |
|                   |          | US- 4,863,637                            | 09-05-1989                     | Matsumoto et al.                                   |  |
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|                   |          | US- 5,256,268                            | 10-26-1993                     | Goto et al.  |  |
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|                   |          | US- 6,030,698                            | 02-29-2000                     | Burchell et al.                                    |  |
|                   |          | US- 6,398,965                            | 06-04-2002                     | Arba et al.  |  |

**FOREIGN PATENT DOCUMENTS**

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|-------------------|----------|--|--------------------------------|--|---|----------------|
|                   |          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind<br>code <sup>5</sup> (if known) |                                |  |   |                |
|                   |          | WO 99/49958  | 10-07-100                      | Siemens AG   |   |                |
|                   |          | WO 00/04977  | 02-03-2000                     | Procter & Gamble Co.                               |   |                |
|                   |          | WO 02/059043   | 08-01-2002                     | Lexington Carbon Co.                               |   |                |
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|                   |          | GB 1 377 501   | 12-18-1974                     | Shaw   |   |                |

EXAMINER SIGNATURE \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

|  |   |    |   |                          |                 |                          |  |
|--|---|----|---|--------------------------|-----------------|--------------------------|--|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                 |                          |  |
|  |   |    |   | Application No.          |                 | 10/849,648               |  |
|  |   |    |   | Filing Date              |                 | May 20, 2004             |  |
|  |   |    |   | First Named Inventor     |                 | MAZZETTI, Marit Jaytoyen |  |
|  |   |    |   | Art Unit                 |                 | 1724                     |  |
| Examiner Name  |   |    |   |                          |                 |                          |  |
| Sheet  | 2 | of | 2 | Attorney Docket No.      | 0000243.0512832 |                          |  |

| NON PATENT LITERATURE DOCUMENTS |          |  |                |
|---------------------------------|----------|--|----------------|
| Examiner initials               | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>6</sup> |
|                                 |          | Jagtoyen, et al., U.S. Army SBIR Contractor's Scientific and Technical Report (Report A002 and A003), "Activated Carbon Fiber Composite for On-board Water Recovery Unit," (SBIR Topic A97090) May 19, 1998  |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.